

## ABSTRACT

### COMPOSITION PACKAGED IN AN AEROSOL DEVICE, COMPRISING ALUMINA NANOPARTICLES

The present invention relates to a composition packaged in an aerosol device comprising a liquid phase and a propellant. The liquid phase comprises, in a cosmetically acceptable medium, nanoparticles comprising at least 10% by weight of alumina and exhibiting a number-average primary size of between 2 and 200 nm. The propellant is chosen from dimethyl ether, C<sub>3-5</sub> alkanes, 1,1-difluoroethane, mixtures of dimethyl ether and of C<sub>3-5</sub> alkanes or mixtures of 1,1-difluoroethane and of dimethyl ether and/or of C<sub>3-5</sub> alkanes. The invention also relates to a process for the cosmetic treatment of the hair and to the use as styling product.

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